Paris Workshop 4/19 – 4/23

- Accelerator technology decision 8/31/04
- Updates on C, X(warm), L(cold) & CLIC tech.
- Report on minutes from the International Funding Committee of April 6. - M. Spiro
- DESY comments - Albrecht Wagner
- US committee tech assessment – G. Dugan
- Particle Flow Talk – H. Videau
- Worldwide studies committee meeting with proposal to send a request for scientist input to the International Funding Committee.

Paris Workshop 4/19 – 4/23 (cont.)

- Worldwide studies committee meeting discussion on next LCWS in the Americas.
- Admission by Tigner that US funding is too scarce. Perhaps better after the tech choice.
- Theory: Connections between particle physics and astrophysics.
- A well attended meeting: > 320 physicists

Pre-large plane action items

1. Fiber straightening the set from spools – using heat.
   1 m & 3.7 m. Dave Butler/Kurt Krempetz

2. Source tests with MAPMT of existing strips before fusing clear fiber for further testing. Paul Karchin

3. Fuse clear fibers by heat fusion – Lab 7. Mitch Wayne/Eileen Hahn

4. Remeasure response with Cs – 137 source. ??

5. Heat-bend clear fiber to establish bending radius scheme & remeasure with Cs – 137 source. The mock-up from ND is made with 0.8 mm clear fiber. Our present fiber is 1.2 mm dia. Mitch Wayne/Kurt Krempetz/Dave Butler.

Pre-large plane action items (cont.)

6. Generate necessary drawings to make the good 10 strips into a plane of detectors. Light tight scheme, gluing scheme? Al covers? Edge treatment? Mitch Wayne/Kurt Krempetz/Dave Butler/Gene Fisk/Paul Karchin.

7. Scheme for calibration of the 10 strips (10 calibration fibers that use a pulsed LED source of light?). Paul Karchin/Mani Tripathi/Mitch Wayne.

8. Generate a routed (plastic?) plane to receive the clear fibers. This could/should include the routing for the LED calibration fibers. Mitch Wayne/Paul Karchin/Kurt Krempetz.

9. Assemble the 10 strip module and test it with the Cs-137 source and cosmic rays. This requires 10 channels of electronics to test all the strips at once. What is our short term plan? Mani Tripathi/Paul Karchin.

Sasha Dychkant's Measurements of Strip Response using a Cs^{137} source.

May 19, 2004